



PATENT

ATTORNEY DOCKET NO. 04148-00005

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Freda
4/12/02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	
Pierre J.F. Layrolle et al.)	Examiner: Jennifer Kolb
)	
Serial No.: 09/757,344)	Art Unit: 1762
)	
Filed: January 9, 2001)	
)	
Title: METHOD FOR COATING MEDICAL)	
IMPLANTS)	

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TC 1700

Assistant Commissioner for Patents
Box RCE
Washington, D.C. 20231

AMENDMENT AND RESPONSE TO FINAL OFFICE ACTION

This is in response to the final Office Action dated January 17, 2002 (Paper No. 6).
Applicant are also filing concurrently herewith a request for continued examination. Please amend
the above-identified application as follows.

In the Claims:

27. (Twice Amended) A coated implant comprising an implant and a coating, wherein
said coating comprises a deposit of crystals nucleated directly onto the implant from solution with
the coating having an average bond strength to the implant of between 40 to 65 Mpa, wherein said
coating comprises magnesium ions, calcium ions, and phosphate ions, and wherein said coating
induces formation of bone cells from progenitor cells.